

Title (en)
PROCESS AND ARRANGEMENT FOR MOUNTING A CABLE LUG

Title (de)
VERFAHREN UND ANORDNUNG ZUM MONTIEREN EINES KABELSCHUHS

Title (fr)
PROCÉDÉ ET ARRANGEMENT POUR MONTER UNE COSSE DE CÂBLE

Publication
EP 3089271 A1 20161102 (DE)

Application
EP 15305657 A 20150429

Priority
EP 15305657 A 20150429

Abstract (en)
[origin: US2016322716A1] is indicated which is electrically conductively connected to an end of an electrical line, mounted to a structural component in a motor vehicle. In this connection, a cable shoe with a central throughhole is used which in the mounted position is placed on a rod shaped mass point of the motor vehicle and electrically conductively connected with the same. The cable shoe is initially placed in a receiving element composed of an insulation material and also fastened therein so that there is a central throughhole and a first part of a locking mechanism. There is also a central metal insert used with a central throughhole corresponding to the central throughhole of the cable shoe. The unit of the receiving element, the cable shoe and the insert are also on a fastening element composed of insulation material, the second part of the locking mechanism is mounted tightly and fixedly on the structural component by means of the inter-engaging part of the locking mechanism.

Abstract (de)
Es werden ein Verfahren zum Montieren eines Kabelschuhs (2) an einem fest in einem Kraftfahrzeug angebrachten Bauteil sowie eine entsprechende Anordnung angegeben. Der Kabelschuh (2) wird elektrisch leitend am Ende einer elektrischen Leitung (1) angeschlossen. Der angeschlossene Kabelschuh (2) wird in ein aus Isoliermaterial bestehendes Aufnahmeelement (4) eingelegt und mit diesem verbunden. Die Einheit aus Aufnahmeelement (4) und Kabelschuh (2) wird an einem ebenfalls aus Isoliermaterial bestehenden Befestigungselement (7) festgelegt, welches fest an dem Bauteil angebracht ist.

IPC 8 full level
H01R 4/30 (2006.01); **H01R 11/12** (2006.01); **H01R 43/20** (2006.01)

CPC (source: CN EP US)
B60R 16/0215 (2013.01 - US); **H01R 4/305** (2013.01 - EP US); **H01R 4/38** (2013.01 - US); **H01R 11/12** (2013.01 - EP US); **H02G 15/02** (2013.01 - CN); **H01R 43/20** (2013.01 - EP US); **H01R 2201/26** (2013.01 - EP US)

Citation (applicant)
US 2011053434 A1 20110303 - SENG HANS-PETER [DE], et al

Citation (search report)

- [XA] FR 2842656 A1 20040123 - VALEO CLIMATISATION [FR]
- [A] JP H0463567 U 19920529

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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EP 3089271 A1 20161102; EP 3089271 B1 20200311; CN 106099825 A 20161109; US 10181659 B2 20190115; US 2016322716 A1 20161103

DOCDB simple family (application)
EP 15305657 A 20150429; CN 201610273587 A 20160428; US 201615094185 A 20160408